Index of Claims

10/026,266

Examiner

Mary J. Steelman

Applicant(s)/Patent under Reexamination

FRAENKEL ET AL.

Art Unit

2191

✓ Rejected

— (Through numeral)
Cancelled

N Non-Elected

A Appeal

Interference

О

Objected

Restricted

Allowed

| Cla      | aim        | Date       |                  |   |  |          |                    |                 |                     | 1 | Claim |          |          | Date                |              |                  |                 |               | CI      | aim             | Date     |       |          |          |                    |   |  |              |                     |          |   |
|----------|------------|------------|------------------|---|--|----------|--------------------|-----------------|---------------------|---|-------|----------|----------|---------------------|--------------|------------------|-----------------|---------------|---------|-----------------|----------|-------|----------|----------|--------------------|---|--|--------------|---------------------|----------|---|
|          |            | 6          | T                |   | П  | Т        | Τ                  | Π               |                     |   | 1     |          |          |                     | П            | Т                | П               | Т             | 1       | П               |          |       |          | П        |                    | Т   | T  | Ť            | П                   | $\neg$   | _ |
| च        | Original   | I١         |                  |   | 1  | 1        |                    |                 |                     |   |       | ल        | Original |                     |              |                  | 1 1             |               |         |                 |          | च     | Original |          |                    | 1   |  |              |                     |          |   |
| Final    | <u>:</u> 5 | 5          | ١.               |   |  | 1        | 1                  |                 |                     |   |       | Final    | įĝ       | Ιİ                  |              | i                | 1 1             |               |         |                 |          | Final | į        |          |                    | 1   |  |              |                     |          |   |
| _        | Ō          | <u>;</u>   |                  |   |  | 1        | 1                  |                 |                     |   |       | -        | Õ        | ll                  |              | ł                | ΙI              |               |         |                 |          | -     | Ō        | -        |                    |   |  |              |                     |          |   |
|          | 1          | ╏          | ╁╴               | ╫   | ╁╌   | ┿        | +-                 | +               | Н                   | - | 1     | _        | 51       | ╁                   | $\dashv$     | +                | ╂╌┤             | +             |         | Н               |          |       | 101      | +        | +                  | +   | +  | ┼-           | $\vdash$            | $\dashv$ | _ |
|          | 2          | ľ          | ╁                | +   | $\vdash$   | ╁        | ╁                  | ╁               | Н                   |   | ł     | -        | 52       | ┝                   | +            | +                | +               | +             | +       | Н               |          |       | 101      | +        |                    | +   | ╁  | <b>├</b>     | Н                   | $\dashv$ | _ |
|          |            | Н          | ╁                | ╁   | ╁  | ╀        | +                  | ┼-              | ╁                   |   | 1     |          |          | $\vdash$            | +            | +                | 1 -             | -             | -       | Н               |          |       | 102      | $\dashv$ |                    | +   | ╁  | ┼-           | -                   | _        | _ |
|          | 3          | Н          | ╁                | ┿   | ╀  | ╀        | +                  | ╀               | $\vdash$            |   | ł     | <b>-</b> | 53       | ₩                   |              | +                | ┦               |               | +       | Н               |          |       | 103      | $\dashv$ | -                  | +   | ┿  | -            | Н                   | _        | _ |
|          | 4          | Н          | ╁                | ╁   | ╄  | ╀        | +                  | -               | ┢╌                  |   |       |          | 54       | $\vdash \vdash$     | -            | -                | $\vdash$        | -             | -       | Н               |          |       | 104      | 4        | _                  | +   | —  | ↓_           | Ш                   | $\dashv$ | _ |
|          | 5          | Н          | +-               | +   | ┼  | ╀        | +                  | ╄               | ┡                   |   |       | <u> </u> | 55       | ₩                   | -            | - -              | $\vdash$        |               |         | Ш               |          |       | 105      | 4        | _                  | _   | ↓  | <b> </b> _   | Ш                   | _        | _ |
|          | 6          | Ц          | +-               | +   | ┼  | ╄        | +                  | ╀               | ₽                   |   |       |          | 56       | $\sqcup$            |              | _                | 1               |               |         | Ш               |          |       | 106      | 4        | _                  | 4   | _  | ╙            | Ш                   |          | _ |
|          | 7          | L          | Щ.               | +   | ┡  | ╄-       | ╄                  | _               | Ш                   |   |       |          | 57       | $\sqcup$            | $\perp$      | _                | $\sqcup$        | _             |         | Ш               |          |       | 107      | $\perp$  | _ _                | $\perp$   | ┸  | _            | Ш                   |          |   |
|          | 8          | L          | Щ.               | 4   | <u> </u>   | ┖        | _                  | <u> </u>        | Ш                   |   |       |          | 58       | $\sqcup$            |              |                  | $\perp$         |               | _       | Щ               |          |       | 108      | _        |                    | $\perp$   |  | <u> </u>     | Ш                   | $\perp$  | _ |
|          | 9          | L          | Щ_               | $\perp$   | <u> </u>   | ┺        | ↓                  | _               | Ш                   |   |       |          | 59       | $\sqcup$            | _            |                  | 1_1             | $\perp$       |         | Ш               |          |       | 109      | $\perp$  |                    |   | Ь.   |              | Ш                   |          |   |
|          | 10         | L          | <b>!</b>         | $\perp$   | 1  | $\perp$  | $\perp$            | $oxed{igspace}$ | Ш                   |   | [     | L        | 60       | Ш                   |              | $\bot$           | Ш               |               | $\perp$ | Ш               |          |       | 110      | $\perp$  |                    | $\perp$   | $\perp$  |              | Ш                   |          | _ |
|          | 11         | L          | Щ_               | $\perp$   | _  | _        |                    | $oxed{oxed}$    | Ш                   |   |       |          | 61       | $\sqcup$            | $\perp$      |                  | Ш               |               |         |                 |          |       | 111      |          | $oldsymbol{\perp}$ | $\perp$   |  | L            | $\Box$              |          | _ |
|          | 12         | L          | 1                |   |  |          | 1                  | <u></u>         | Ш                   |   |       |          | 62       | Ш                   |              | $\perp$          | $oxed{oxed}$    |               |         |                 |          |       | 112      | $\Box$   |                    | $oldsymbol{ol}}}}}}}}}}}}}}}$ | $oldsymbol{ol}}}}}}}}}}}}}}$ |              |                     | $\Box$   | _ |
|          | 13         | Ĺ          | L                | L   | L  | L        | L                  |                 |                     |   |       |          | 63       |                     | $\perp$      |                  | $oxed{\Box}$    | $\bot \Gamma$ |         |                 |          |       | 113      | _T       |                    |   | Γ  |              |                     |          | _ |
|          | 14         |            |                  |   | Γ  |          | $\prod$            |                 |                     |   |       |          | 64       |                     |              | $\mathbf{I}^{-}$ |                 |               |         |                 |          |       | 114      | 一        | $\neg \vdash$      | $\top$  | Τ  | Π            | П                   | 一        | _ |
|          | 15         |            | $\mathbf{I}^{-}$ | $I^-$   | $L^{T}$  | Γ        | Ι                  |                 |                     |   |       |          | 65       |                     | $\Box$       | $\mathbf{I}$     | П               | $\top$        |         | П               |          |       | 115      | T        | $\neg$             | T   | 1  | 1            | П                   | 寸        | - |
|          | 16         | П          | Π                |   |  |          |                    | Π               | П                   |   |       |          | 66       | П                   | T            | 1                | $\Box$          | 1             |         | П               |          |       | 116      | 寸        | $\neg$             | 丅   | $\top$   | 1            | П                   | 寸        | _ |
|          | 17         | П          | Τ                | T   |  | Ī        |                    |                 | П                   |   | 1     |          | 67       | П                   | ┪            | $\top$           | П               | 十             |         | П               |          |       | 117      | 寸        | $\top$             | $\top$  | 1  | T            | М                   | _        | - |
|          | 18         | Ц          | T                | 1   | T  | 1        | 1                  | 1               | П                   |   | 1     |          | 68       | H                   | $\top$       | $\top$           | $\vdash$        | $\dashv$      | $\top$  | П               |          |       | 118      | 十        |                    | $\top$  | 1  | $\vdash$     | Н                   | $\dashv$ | - |
|          | 19         | Π          | 十                | T   |  | T        |                    | 1               | П                   |   |       |          | 69       | $\Box$              | 十            | 1                | $\sqcap$        | $\dashv$      | $\top$  | Н               |          |       | 119      | $\dashv$ | -+-                | +   | +  | $\vdash$     | $\vdash$            | -+       | - |
|          | 20         | ∀          | 扌                | T   | T  | T        | $\top$             | $\vdash$        | П                   |   |       |          | 70       | $\vdash$            | +            | +                | $\dagger$       | +             | +       | Н               |          |       | 120      | $\dashv$ | +                  | +-  | +  | $\vdash$     | $\vdash$            | $\dashv$ | - |
|          | 21         | Ť          | $^{\dagger}$     | T   | 1  | T        | T                  | T               | Н                   |   | 1     | <b>-</b> | 71       | $\vdash$            | +            | +-               | ╁┯┤             | $\dashv$      | +-      | H               |          | -     | 121      | $\dashv$ | +                  | +   | +  | +-           | $\vdash \vdash$     | $\dashv$ | - |
|          | 22         | -          | ╁                | +   | T  | t        | +-                 | t               | Н                   | _ |       | $\vdash$ | 72       | $\vdash$            | $\dashv$     | +                | +               | $\dashv$      | +       | Н               |          |       | 122      | $\dashv$ | +                  | +-  | +  | +            | $\vdash$            | $\dashv$ | - |
|          | 23         | $\vdash$   | +                | +-  | +  | +        | +                  | $\vdash$        | Н                   |   |       | $\vdash$ | 73       | $\vdash$            | +            | +                | $\vdash$        | +             | +       | $\vdash \vdash$ |          |       | 123      | +        | +                  | ╁   | +  | $\vdash$     | ┝╌┤                 | $\dashv$ | - |
| _        | 24         |            | ┿                | +-  | ╁─   | +        | +                  | ╁               | Н                   |   |       |          | 74       | ╁                   | +            | +                | $\vdash$        | +             | -       | Н               |          |       |          | +        | +                  | +   | ┿  | ╫            | $\vdash$            | $\dashv$ | _ |
|          | 25         | -          | +                | +   | ╁  | ╁        | +                  | ╀               | $\vdash$            |   |       |          | 75       | $\vdash$            | +            |                  | $\vdash$        | +             |         | $\vdash \vdash$ |          |       | 124      | +        |                    | +-  | +  | ⊢            | $\vdash$            | $\dashv$ | _ |
|          |            | $\vdash$   | +                | +   | +  | ╁        | +                  | $\vdash$        | $\vdash$            |   |       |          |          | $\vdash$            | +            | +                | ├─┤             | +             | +       | Н               |          |       | 125      | +        | -                  | +   | +  | <del> </del> |                     |          | _ |
|          | 26         | ⊢          | +                | +-  | $\vdash$   | +-       | +                  | ╁               | $\vdash$            |   |       |          | 76       |                     | +            | +                | ⊢               |               | -       | Н               |          |       | 126      | +        | +                  | +   | +-   | 1            | $\vdash \dashv$     | 4        | _ |
|          | 27         | ⊢          | +                | +   | $\vdash$   | +-       | +                  | ⊢               | $\vdash$            |   |       |          | 77       | $\vdash \downarrow$ | +            | +                | $\vdash \vdash$ | _ _           | —       | Н               |          |       | 127      | -        | +                  | 4-  | 4  | <b>├</b> -   | $\sqcup$            | 4        | _ |
|          | 28         | <u> </u>   | ╀                | +-  | 1  | -        | $\vdash$           | ⊢               | $\vdash \downarrow$ |   |       |          | 78       |                     | $\perp$      | -                | $\sqcup$        | _             | _       | Ш               |          |       | 128      | 4        | $\bot$             | 4   | ↓.   | <u> </u>     | Ш                   |          |   |
|          | 29         | <u> </u>   | +                | +   | 1  | $\perp$  | ╀                  | ــــ            | $\sqcup$            |   |       | L        | 79       | $\sqcup \downarrow$ | $\bot$       |                  | $\sqcup$        | 4             | 4       | Ш               |          |       | 129      | $\perp$  | $\perp$            | $\bot$  | 1_   | _            | Ц                   | _        |   |
|          | 30         | L          | ╀                | ↓   | <b>!</b>   | 1        | $\bot$             | ـــ             | $\sqcup$            |   |       | L        | 80       | Щ                   | $\perp$      | $\bot$           | $\sqcup$        | $\perp$       |         | Ш               |          |       | 130      |          |                    | $\perp$   |  |              | Ш                   | $\perp$  |   |
|          | 31         |            | 1                | $\perp$   | ــــ   | $\perp$  | 1                  | <u> </u>        | Ш                   |   |       | L        | 81       | Щ                   | _            | $\bot$           | Ш               |               |         | Ш               |          |       | 131      |          |                    |   | L  |              | Ш                   |          |   |
|          | 32         | L          | 1                | $\perp$   | <u> </u>   | 1        | 1_                 | <u> </u>        | Ш                   |   |       |          | 82       | Щ                   |              |                  | Ш               |               |         | Ш               |          |       | 132      |          |                    |   |  |              | Ш                   | $\Box$   | _ |
|          | 33         | L          | 1                | ╄-  | ـــــ  | 1        | $\perp$            | <u> </u>        |                     |   |       |          | 83       | Ш                   | $\perp$      |                  | Ш               |               |         | Ш               |          |       | 133      |          |                    |   |  |              |                     |          | _ |
|          | 34         | L          | ⊥_               | 1_  | $\perp$  |          | $oldsymbol{\perp}$ | 乚               | <u>L</u>            |   |       |          | 84       |                     |              |                  | $\square$       |               |         |                 |          |       | 134      | $\Box$   |                    | $oldsymbol{oldsymbol{oldsymbol{oldsymbol{\Box}}}$   | $oxed{oxed}$   |              | $\Box$              |          | _ |
|          | 35         |            |                  |   | L  |          |                    |                 |                     |   |       |          | 85       | Ш                   | $oxed{\Box}$ |                  | $\Box$          |               |         |                 |          |       | 135      | $\Box$   |                    | $\prod$   | $\prod$  |              |                     | $\Box$   | _ |
|          | 36         |            | L                | $oldsymbol{ol}}}}}}}}}}}}}} $ |  |          | $oxed{oxed}$       |                 |                     | _ |       |          | 86       |                     |              |                  |                 |               |         |                 |          |       | 136      | $\top$   | $\neg$             | T   |  |              |                     |          |   |
|          | 37         |            | Ι                | $oxed{\Box}$  |  | $\Box$   | $\Box$             |                 |                     |   |       |          | 87       |                     |              |                  | Πİ              |               | 1       |                 |          |       | 137      | $\dashv$ | $\top$             | 1   | T  | П            | П                   | 寸        | - |
|          | 38         |            | Ι                | Γ   | Γ  | Γ        |                    |                 |                     |   |       |          | 88       |                     | T            |                  | П               |               |         |                 |          |       | 138      | $\dashv$ | $\neg$             | 十   | ✝  | T            | П                   | T        | - |
|          | 39         |            | Г                | Т   |  | Π        |                    |                 | П                   |   |       |          | 89       | $\Box$              | $\top$       | $\top$           | П               | $\neg$        |         |                 |          |       | 139      | 1        |                    | $\top$  | $\top$   | Г            | $\Box$              | $\neg$   | _ |
|          | 40         |            | Τ                |   | П  | Τ        | 1                  | Τ               | П                   |   |       |          | 90       | $\Box$              | 十            | 1                | Ħ               | $\dashv$      | $\top$  | $\Box$          |          |       | 140      | $\dashv$ | $\top$             | $\top$  | T  | Т            | $\vdash$            | $\dashv$ | - |
|          | 41         |            | T                | T   | T .  |          | 1                  | 1               | П                   |   |       |          | 91       | $\Box$              | 十            | 1                | 17              | $\neg$        |         |                 |          |       | 141      | 十        | $\top$             | +   | T  |              | H                   | $\dashv$ | - |
|          | 42         |            | 1                | 1   | T  |          | T                  | T               |                     |   |       |          | 92       | 1                   | $\top$       |                  | Ħ               | $\dashv$      |         | $\dashv$        | <b> </b> |       | 142      | $\dashv$ | +                  | +   | T  | $\vdash$     | $\vdash$            | $\dashv$ | - |
|          | 43         |            | $\top$           | $\top$  | $T^{-}$  | Т        | †                  |                 | $\Box$              | _ |       |          | 93       | $\dashv$            | +            | $\top$           | ✝┪              | $\dashv$      | +-      | $\dashv$        | H        |       | 143      | 十        | +                  | +   | +  | -            | $\vdash$            | $\dashv$ | _ |
|          | 44         | -          | t                | †   | 1  | †-       | +                  | $\vdash$        | $\vdash$            |   |       |          | 94       | $\dashv$            | +            | +-               | $\vdash$        |               | +       | $\dashv$        |          |       | 144      | +        | +                  | +   | +  |              | $\vdash$            | $\dashv$ | - |
|          | 45         |            | †                | +   | T  | T        | T                  | $\vdash$        | $\vdash \vdash$     |   |       | -        | 95       | 1                   | +            | +-               | $\vdash$        | $\dashv$      | +-      | $\dashv$        | <b>.</b> |       | 145      | +        | +                  | +   | ╁╌   | $\vdash$     | $\vdash \vdash$     | $\dashv$ | - |
| $\dashv$ | 46         |            | +-               | +   | <del>                                     </del> | $\vdash$ | +                  | $\vdash$        | $\vdash \vdash$     |   |       | -        | 96       | $\dashv$            | +            |                  | $\vdash$        | $\dashv$      | +       | $\dashv$        | <b> </b> |       | 146      | +        | +                  | +   | +  |              | $\vdash$            | -        | _ |
| $\dashv$ | 47         | _          | ╁                | +   | -  | $\vdash$ | +                  | +-              | ┝╌┤                 |   |       |          | 97       | $\dashv$            | +            | +                |                 | +             | +       | $\dashv$        |          |       |          | +        | $\dashv$           | +   | +-   | ├-           | $\vdash \vdash$     | $\dashv$ | _ |
|          | 48         | _          | ╁                | ╁   | ╁  | +        | ╁                  | $\vdash$        | H                   | _ |       | -        | 98       | $\dashv$            | +            | +                | $\vdash$        | +             | +-      | $\dashv$        |          |       | 147      | +        |                    | +-  | +  | $\vdash$     | $\vdash$            | -        | _ |
|          |            | _          | ╀                | ┼   | ├  | +-       | ╁                  | -               | ┝╌┥                 | _ |       |          | 98       |                     | - -          | -                | $\vdash \vdash$ |               |         | _               |          |       | 148      |          | +                  | +-  | +  | <b> </b>     | $\vdash \downarrow$ | -        | _ |
|          | 49         |            | +-               | $\vdash$  | ╀  | ├-       | +                  | -               | $\vdash \vdash$     | _ |       |          | 99       |                     | -+           |                  | ⊢               |               | +       | $\Box$          | <b>.</b> |       | 149      | +        | -                  | 4   | $\bot$   | Щ.           |                     | _        | _ |
|          | 50         | <u>L</u> . |                  | 1   | $\bot$   |          | Щ.                 | Щ.              | ᆜ                   |   | ::::: |          | 100      |                     |              |                  | L               |               |         |                 | :::::[   |       | 150      |          |                    |   |  | L            | Ш                   |          |   |